autoradiography as described in the Materials and Method section. UOK 117 and UOK 231 cells were used as the positive control.

b) GAPDH expression in the same specimens examined by RTPCR.

Gel electrophoresis of RTPCR for GAPDH (200 base pair fragment) shows expression in all of the specimens when visualised with ethidium bromide staining.

Figure 4.

a) and b) Pax 2 expression in fifteen radical prostatectomy specimens examined by RTPCR.

Gel electrophoresis of RTPCR, for Pax 2 (300 base pair fragment), shows expression in ten of the radical prostatectomy specimens examined when visualised with ethidium bromide staining. A band is present in the positive control lane and in the lanes corresponding to specimens 1, 3, 19, 21, 24, 27, 32, 38, 41 and 43. Bands may also be present in the lanes corresponding to specimens 25 and 26.

c) GAPDH expression in the same specimens examined by RTPCR.

Gel electrophoresis of RTPCR for GAPDH (200 base pair fragment) shows expression in all of the specimens when visualised with ethidium bromide staining. The gel shown is of RTPCR for GAPDH on specimens 24, 27, 32, 38, 41 and 43.

Figure 5A. Lack of PAX2 expression in non-malignant prostate specimens by RT-PCR

UOK-117 was used as positive control. Water was substituted for DNA in the negative controls. The expected band sizes for the PAX2 genomic and cDNA PCR products are shown by arrows.